

ABSTRACT

5 An array encoding system and method for use with high definition
digital video data streams includes method and means for analyzing the
incoming data stream, splitting the data stream in accordance with video
complexity or other criteria, encoding each of the subsidiary data streams in
accordance with a desired encoding standard, and combining the data
streams to generate an output. The encoding system and method is
10 particularly suited to encoding data streams to provide an output with is
substantially consistent with the H.264 video communications standard. The
system and method are scalable.